

# **SANTA MONICA MOUNTAINS NATIONAL RECREATION AREA**

## **PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS**

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Santa Monica Mountains National Recreation Area. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

### **Recreation Visits**

1. An inductive loop traffic counter is located on the entrance/exit lane to Solstice Canyon. The traffic count is divided by two to adjust for vehicles entering and exiting the site. The adjusted traffic count is reduced by the number of non-reportable vehicles (420 per month). The reduced traffic count is multiplied by the persons-per-vehicle (PPV) multiplier of 2.5. An additional 300 visitors is added to the adjusted visitor count to estimate the number of visitors entering via trails not recorded on the traffic counter.
2. The number of visitors entering the Satwiwa Native American Indian Cultural Center.
3. A remote sensor trail counter is located at the main entrance of the trail head to Peter Strauss. The visitor count is divided by two to adjust for visitors entering and exiting the site. The adjusted visitor count is multiplied by 1.10 to include those visitors not recorded on the trail counter.
4. An inductive loop traffic counter is located on the entrance/exit lane to Zuma Canyon. The traffic count is divided by two to adjust for vehicles entering and exiting the site. The adjusted traffic count is reduced by the number of non-reportable vehicles (270 per month). The reduced traffic count is multiplied by the PPV multiplier of 1.9. The total visitor count is multiplied by 1.05 to include those visitors (horseback use and pedestrian's) not crossing the counter.
5. An inductive loop traffic counter is located on the entrance lane to Paramount Ranch. The traffic count is reduced by the number of non-reportable vehicles (700 per month) and non-recreation vehicles (3740 per month). The reduced traffic count is multiplied by the PPV multiplier of 2.8. The total visitor count is multiplied by 1.03 to include those visitors (horseback use and pedestrian's) not crossing the counter.
6. An inductive loop traffic counter is located on the entrance/exit lane to Rancho Sierra Vista. The traffic count is divided by two to adjust for vehicles entering and exiting the site. The adjusted traffic count is reduced by the number of non-reportable vehicles (180 per month). The reduced traffic count is multiplied by the PPV multiplier of 2.0. The total visitor count is multiplied by 1.10 to include those visitors (horseback use and pedestrian's) not crossing the counter.
7. An inductive loop traffic counter is located on the entrance/exit lane to Circle X Ranch. The traffic count is divided by two to adjust for vehicles entering and exiting the site. The adjusted traffic count is reduced by the number of non-reportable vehicles (600 per month). The reduced traffic count is multiplied by the PPV multiplier of 2.0. The total visitor count is multiplied by 1.10 to include those

visitors (horseback use and pedestrian's) not crossing the counter.

8. A photoelectric trail counter is located on the trail head to Rocky Oaks. The trail count is divided by two to adjust for visitors entering and exiting the site. The adjusted visitor count is reduced by the number of non-reportable visitors (120 per month). The trail count is multiplied by two to estimate visitors that do not cross the trail counter.

9. An inductive loop traffic counter is located on the entrance/exit lane to Palo Comado Canyon (Cheeseboro). The traffic count is divided by two to adjust for vehicles entering and exiting the site. The adjusted traffic count is reduced by the number of non-reportable vehicles (540 per month). The reduced traffic count is multiplied by the PPV multiplier of 1.9. The total visitor count is multiplied by 1.15 to include those visitors (horseback use and pedestrian's) not crossing the counter.

10. An inductive loop traffic counter is located on the entrance/exit lane to Franklin Canyon Ranch. The traffic count is divided by two to adjust for vehicles entering and exiting the site. The adjusted traffic count is reduced by the number of non-reportable vehicles (480 per month). The reduced traffic count is multiplied by the PPV multiplier of 2.0. The total visitor count is multiplied by 1.15 to include those visitors (horseback use and pedestrian's) not crossing the counter.

11. The number of visitors entering the Headquarters/Visitor Center is estimated as 248 visitors per month.

12. The number of visitors using the Environmental Education Programs at Rancho Sierra Vista is estimated as 550 visitors per month.

#### **Non-recreation Visits**

The number of non-recreation visitors (movie use) is estimated as 3,740 per month.

#### **Recreation Visitor Hours**

Recreation visitor hours are the sum of the subtotals by each of the locations listed in Table 1. Each subtotal is the results of multiplying the number of visitors associated with that location by its length-of-stay multiplier.

**Table 1**  
**Length-of-Stay by Location**

LOCATION	LENGTH-OF-STAY
Solstice Canyon	4 hours
Satwiwa Native American Indian Cultural Center	4 hours
Peter Strauss	4 hours
Zuma Canyon	0.5 hour
Paramount Ranch	1.15 hours
Rancho Sierra Vista	1.5 hours
Circle X Ranch	5 hours
Rocky Oaks	1 hour
Cheeseboro Canyon	1.5 hours
Franklin Canyon Ranch	2.5 hours
EEP at Rancho Sierra Vista	2.0 hours
Headquarters/Visitor Center	0.5 hour
Overnight Stays	20 hours per overnight stay

#### **Non-recreation Visitor Hours**

The total number of non-recreation visitors is multiplied by 8 hours.

#### **Overnight Stays**

NPS Campgrounds - Circle X Campground

The number of tent campers is estimated as 120 per month.

NPS Backcountry - Miscellaneous Sites

The number of backcountry overnight stays is estimated as 12 per month.

NPS Miscellaneous - Circle X Group Campground

The number of group campers is estimated as 80 per month.

### **Special Use Data**

- Line a. The number of visitors to Peter Strauss
- Line b. The number of visitors to Zuma Canyon
- Line c. The number of visitors to Paramount Ranch
- Line d. The number of visitors to Rancho Sierra Vista
- Line e. The number of visitors to Solstice Canyon
- Line f. The number of visitors to Circle X Ranch
- Line g. The number of visitors to Rocky Oaks
- Line h. The number of visitors to Palo Comado Canyon (Cheeseboro)
- Line i. The number of visitors to Franklin Canyon